**package** ph.edu.apc.miletokm;  
  
**import** android.icu.text.DecimalFormat;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
  
**public class** miletokm **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_miletokm***);  
 Button buttonConvMilesToKm = (Button) findViewById(R.id.***buttonConvertMilesToKm***);  
 buttonConvMilesToKm.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 EditText TextBoxMiles = (EditText) findViewById(R.id.***EditTextMiles***);  
 EditText TextBoxKm = (EditText) findViewById(R.id.***editTextKm***);  
 **double** vMiles = Double.*valueOf*(TextBoxMiles.getText().toString());  
 **double** vKm = vMiles/0.62137;  
 DecimalFormat formatVal = **new** DecimalFormat(**"##.##"**);  
 TextBoxKm.setText(formatVal.format(vKm));  
 }  
 });  
 Button buttonConvKmToMiles = (Button) findViewById(R.id.***buttonConvertKmToMiles***);  
 buttonConvKmToMiles.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 EditText TextBoxMiles = (EditText) findViewById(R.id.***EditTextMiles***);  
 EditText TextBoxKm = (EditText) findViewById(R.id.***editTextKm***);  
 **double** vKm = Double.*valueOf*(TextBoxKm.getText().toString());  
 **double** vMiles = vKm \* 0.62137;  
 DecimalFormat formatVal = **new** DecimalFormat(**"##.##"**);  
 TextBoxMiles.setText(formatVal.format(vMiles));  
 }  
 });  
 }  
}